

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model  
Run on: November 25, 2000, 04:35:30 ; Search time 84.1 Seconds  
(without alignments)  
847.024 Million cell updates/sec

Title: US-09-373-230-1  
Perfect score: 471  
Sequence: 1 AACTTTGGCGGACTTCACTG.....TCACTAACCTACATCAAGT 471

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 262060 seqs, 75620727 residues

Total number of hits satisfying chosen parameters: 524120

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents\_NA:  
1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq.\*  
2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq.\*  
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4: /cgn2\_6/ptodata/1/ina/5D\_COMB.seq.\*  
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6: /cgn2\_6/ptodata/1/ina/PTUS\_COMB.seq.\*  
7: /cgn2\_6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	470.6	99.9	471	4	US-08-908-005A-1
3	247.4	52.5	579	3	US-08-896-605A-7
4	247.4	52.5	579	3	US-08-896-501A-5
5	247.4	52.5	1120	5	US-08-884-324-2
6	127.8	27.1	11464	5	US-08-884-324-13
7	127.8	27.1	28994	5	US-08-884-324-14
8	122	25.9	2167	5	US-08-884-324-7
9	75.6	16.1	134	5	US-08-884-324-4
10	51.4	10.9	135	5	US-08-884-324-3
11	38.4	8.2	7218	1	US-08-232-463-14
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13	36.8	7.8	4731	5	US-08-772-270A-9
14	34.4	7.3	10614	1	US-08-135-511-35
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16	33.8	7.2	8920	3	US-08-446-855A-1
17	33.2	7.0	4467	2	US-08-565-907A-1
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ALIGNMENTS

RESULT 1  
US-08-502-535B-1  
; Sequence 1, Application US/08502535B  
; Patent No. 5912324  
; GENERAL INFORMATION:  
; APPLICANT: OKAMURA, Haruki  
; APPLICANT: TANIMOTO, Tadao  
; APPLICANT: TORIGOE, Kakuji  
; APPLICANT: KUNIKATA, Toshio  
; APPLICANT: TANIGUCHI, Mutsuko  
; APPLICANT: KOHNO, Keizo  
; APPLICANT: KURIMOTO, Masashi  
; TITLE OF INVENTION: IFN-BETA PRODUCTION INDUCING PROTEIN AND  
; TITLE OF INVENTION: MONOCLONAL ANTIBODY OF THE SAME  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/502,535B  
; FILING DATE: 14-JUL-1995  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 184162/1994  
; FILING DATE: 14-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 45057/1995  
; FILING DATE: 10-FEB-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: OKAMURA-2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 471 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single

; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1.471  
; OTHER INFORMATION: /note= xaa in position 70 is Met or Thr  
; US-08-502-535B-1

Query Match 99.9%; Score 470.6; DB 4; Length 471;  
Best Local Similarity 100.0%; Pred. No. 2.4e-132;  
Matches 471; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2  
US-08-908-005A-1  
; Sequence 1, Application US/08908005A  
; Patent No. 5914253  
; GENERAL INFORMATION:  
; APPLICANT: OKAMURA, Haruki  
; APPLICANT: TANIMOTO, Tadao  
; APPLICANT: TORIGOE, Kakuji  
; APPLICANT: KUNIKATA, Toshio  
; APPLICANT: TANIGUCHI, Mutsuko  
; APPLICANT: KOHNO, Keizo  
; APPLICANT: KURIMOTO, Masashi  
; TITLE OF INVENTION: IFN-BETA PRODUCTION INDUCING PROTEIN AND  
; TITLE OF INVENTION: MONOCLONAL ANTIBODY OF THE SAME  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/908,005A  
; FILING DATE: 11-AUG-1997  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/502,535  
; FILING DATE: 14-JUL-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 184162/1994  
; FILING DATE: 14-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 45057/1995  
; FILING DATE: 10-FEB-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: OKAMURA=2A  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 471 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1.471  
; OTHER INFORMATION: /note= xaa in position 70 is Met or Thr  
; US-08-908-005A-1

Query Match 99.9%; Score 470.6; DB 4; Length 471;  
Best Local Similarity 100.0%; Pred. No. 2.4e-132;  
Matches 471; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AACTTTGGCCGACTTCACTGTACAAACCGCAGTAATACGGAATATAAATGACCAAGTTCTC 60  
Db 1 AACTTTGGCCGACTTCACTGTACAAACCGCAGTAATACGGAATATAAATGACCAAGTTCTC 60

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Db 421 GAAATGGGGATAAATCTGTAATGTTTCACTCTCACTAACTTACATCAAAAGT 471

RESULT 3  
US-08-896-605A-7

; Sequence 7, Application US/08896605A  
; Patent No. 5879942  
; GENERAL INFORMATION:  
; APPLICANT: TANIMOTO, Tadao  
; APPLICANT: KURIMOTO, Masashi  
; TITLE OF INVENTION: PROCESSING ENZYME FOR POLYPEPTIDE  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/896,605A  
; FILING DATE: 18 July 1997  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 207,691/1996  
; FILING DATE: 19-JUL-1996  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 156,062/1997  
; FILING DATE: 30-MAY-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: TANIMOTO=2  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 579 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; FEATURE:  
; NAME/KEY: leader peptide  
; LOCATION: 1..108  
; IDENTIFICATION METHOD: S  
; NAME/KEY: mat peptide  
; LOCATION: 109..579  
; IDENTIFICATION METHOD: S  
; US-08-896-605A-7

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Best Local Similarity 73.1%; Pred. No. 2.4e-65;  
Matches 343; Conservative 2; Mismatches 118; Indels 6; Gaps 2;  
  
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; Sequence 5, Application US/08896501A  
; Patent No. 5891663  
; GENERAL INFORMATION:  
; APPLICANT: TANIMOTO, Tadao  
; APPLICANT: KURIMOTO, Masashi  
; TITLE OF INVENTION: PROCESS FOR PRODUCING POLYPEPTIDE  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
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; APPLICATION NUMBER: US/08/896,501A  
; FILING DATE: 18-JUL-1997  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 213,267/1996  
; FILING DATE: 25-JUL-1996  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 31,474/1997  
; FILING DATE: 31-JAN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: TANIMOTO=3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 579 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; FEATURE:  
; NAME/KEY: leader peptide  
; LOCATION: 1..108  
; IDENTIFICATION METHOD: S  
; NAME/KEY: mat peptide  
; LOCATION: 109..579  
; IDENTIFICATION METHOD: S  
; US-08-896-501A-5

Query Match 52.5%; Score 247.4; DB 3; Length 579;  
Best Local Similarity 73.1%; Pred. No. 2.4e-65;  
Matches 343; Conservative 2; Mismatches 118; Indels 6; Gaps 2;



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;
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/884,324
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 185,305/96
; FILING DATE: 27-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: OKURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11464 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; ORIGINAL SOURCE:
; ORGANISM: human
; TISSUE TYPE: placenta
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..3
; IDENTIFICATION METHOD: E
; NAME/KEY: leader peptide
; LOCATION: 4..82
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; IDENTIFICATION METHOD: E
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; LOCATION: 4849..4865
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; Matches 178; Conservative 0; Mismatches 62; Indels 3; Gaps 1;
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; Db 11260 AAGTGATCTCATATTTTTCAGAGAGAGTGTCCAGGACATGATAATAAGATGCAATTTGA 11319
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; QY 342 ATCTTCACTGTATGAAGGACACTTTCTTGTGCTTGCCAAAAGGAGATGATGCTTCAAACT 401
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; QY 462 ACA 464
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; Db 11440 AGA 11442
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; RESULT 7
; US-08-884-324-14
; Sequence 14, Application US/08884324
; Patent No. 6060283
; GENERAL INFORMATION:
; APPLICANT: Takanori OKURA
; APPLICANT: Kakuji TORIGOE
; APPLICANT: Masahi KURIMOTO
; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE
; TITLE OF INVENTION: OF INDUCING THE PRODUCTION OF INTERFERON-
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/884,324
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 185,305/96
; FILING DATE: 27-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: OKURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28994 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
```



ORIGINAL SOURCE:  
ORGANISM: human  
TISSUE TYPE: placenta  
FEATURE:  
NAME/KEY: 5'UTR  
LOCATION: 1..15606  
IDENTIFICATION METHOD: E  
NAME/KEY: leader peptide  
LOCATION: 15607..15685  
IDENTIFICATION METHOD: S  
NAME/KEY: intron  
LOCATION: 15686..17056  
IDENTIFICATION METHOD: E  
NAME/KEY: leader peptide  
LOCATION: 17057..17068  
IDENTIFICATION METHOD: S  
NAME/KEY: intron  
LOCATION: 17069..20451  
IDENTIFICATION METHOD: E  
NAME/KEY: leader peptide  
LOCATION: 20452..20468  
IDENTIFICATION METHOD: S  
NAME/KEY: mat peptide  
LOCATION: 20469..20586  
IDENTIFICATION METHOD: S  
NAME/KEY: intron  
LOCATION: 20587..21920  
IDENTIFICATION METHOD: E  
NAME/KEY: mat peptide  
LOCATION: 21921..22054  
IDENTIFICATION METHOD: S  
NAME/KEY: intron  
LOCATION: 22055..26827  
IDENTIFICATION METHOD: E  
NAME/KEY: mat peptide  
LOCATION: 26828..27046  
IDENTIFICATION METHOD: S  
NAME/KEY: 3'UTR  
LOCATION: 27047..28994  
IDENTIFICATION METHOD: E  
US-08-884-324-14

Query Match 27.1%; Score 127.8; DB 5; Length 28994;  
Best Local Similarity 73.3%; Pred. No. 1e-28;  
Matches 178; Conservative 0; Mismatches 62; Indels 3; Gaps 1;  
QY 225 TAAGAACAAAGATCATTTTCCTTTGAGGAAATGGATCCACCTGAAATATATGATGATATACA 284  
Db 26803 TAGGTAATGTTTTTCTCTATAGGAAATGAATCCTCTGATAACATCAAGGATACAAA 26862  
QY 285 AAGTGATCTCATATTTCTCAGAAAACGTGTTCCAGGAC---ACAACAAGATGGAGTTGA 341  
Db 26863 AAGTGACATCATATTTCTCAGAGAAGTGTCCAGGACATGATAATAAGATGCAATTTGA 26922  
QY 342 ATCTTCACTGTATGAAGGACACTTTCTTGCTTGCCAAAAGGAAGATGATGCTTTCAAAC 401  
Db 26923 ATCTTCATCATACGAGGATACCTTTCTAGCTTGTGAAAAGAGAGAGACCTTTTAAACT 26982  
QY 402 CATTTGAAAAAAGGATGAAAAATGGGGATAAATCTGTAATGTTTCACTCTCACTAACTT 461  
Db 26983 CATTTGAAAAAAGAGGATGAATTTGGGGATAGATCTATAATGTTCACTGTTCAAAACGA 27042  
QY 462 ACA 464  
Db 27043 AGA 27045

RESULT 8  
US-08-884-324-7  
; Sequence 7, Application US/08884324  
; Patent No. 6060283  
; GENERAL INFORMATION:

APPLICANT: Takanori OKURA  
APPLICANT: Kakuji TORIGOE  
APPLICANT: Masahi KURIMOTO  
TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
OF INDUCING THE PRODUCTION OF INTERFERON-  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/884,324  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 185,305/96  
FILING DATE: 27-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: OKURA=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2167 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
ORIGINAL SOURCE:  
ORGANISM: human  
TISSUE TYPE: placenta  
FEATURE:  
NAME/KEY: exon + 3'UTR  
LOCATION: 1..2167  
IDENTIFICATION METHOD: E  
US-08-884-324-7

Query Match 25.9%; Score 122; DB 5; Length 2167;  
Best Local Similarity 75.7%; Pred. No. 1.8e-27;  
Matches 165; Conservative 0; Mismatches 50; Indels 3; Gaps 1;  
QY 250 GAAATGGATCCACCTGAAATATATGATGATATACAAAGTGATCTCATATTTCTTCAGAAA 309  
Db 1 GAAATGAATCCTCCTGATAACATCAAGGATACAAAAGTGACATCATATTTCTTCAGAGA 60  
QY 310 CGTGTTCAGGAC---ACAACAAGATGGAGTTTGAATCTTCACTGTATGAAGGACACTTT 366  
Db 61 AGTGCCAGGACATGATAATAAGATGCAATTTGAATCTTCACTATACGAAGGATACCTTT 120  
QY 367 CTTGCTTGCCAAAAGGAGATGATGCTTTTCAAACTCACTCTGAAAAAAGGATGAAAAAT 426  
Db 121 CTAGCTTGTGAAAAAGAGAGAGACCTTTTAACTCATTTTGAAGGATGAAATG 180  
QY 427 GGGATAAATCTGTAATGTTCACTCTCACTCACTTACA 464  
Db 181 GGGATAGATCTATAATGTTCACTGTTTCAAAACGAAGA 218

RESULT 9  
US-08-884-324-4  
; Sequence 4, Application US/08884324

; Patent No. 6060283  
; GENERAL INFORMATION:  
; APPLICANT: Takanori OKURA  
; APPLICANT: Kakuji TORIGOE  
; APPLICANT: Masahi KURIMOTO  
; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
; OF INDUCING THE PRODUCTION OF INTERFERON-  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/884,324  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 185,305/96  
; FILING DATE: 27-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: OKURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 134 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; ORGANISM: human  
; TISSUE TYPE: placenta  
; FEATURE:  
; NAME/KEY: exon  
; LOCATION: 1..134  
; IDENTIFICATION METHOD: S  
; US-08-884-324-4

Query Match 16.1%; Score 75.6; DB 5; Length 134;  
Best Local Similarity 72.7%; Pred. No. 4.5e-14;  
Matches 96; Conservative 1; Mismatches 35; Indels 0; Gaps 0;  
QY 118 AGTGACCCCGAGCAGTGTGTAAGTATACATGTACAAAGACAGTGAAGTAAGAGGACTG 177  
Db 3 AATGACCCCGGACCATATTTATATAGTATGTATATAAGATAGCCAGCCTAGAGGTATG 62  
QY 178 GCTGTGACCCCTCTCTGTGTAAGGATAGTAAAYGTCTACCCCTCTCTCTGTAAGAACAGATC 237  
Db 63 GCTGTAACCTATCTCTGTGTAAGTGTGAGAGAAATTTCAACTCTCTCTCTGTGAGAACAAAT 122  
QY 238 ATTCCTTTGAG 249  
Db 123 ATTCCTTTAAG 134

RESULT 10  
US-08-884-324-3  
; Sequence 3, Application US/08884324  
; Patent No. 6060283  
; GENERAL INFORMATION:

; APPLICANT: Takanori OKURA  
; APPLICANT: Kakuji TORIGOE  
; APPLICANT: Masahi KURIMOTO  
; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
; OF INDUCING THE PRODUCTION OF INTERFERON-  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/884,324  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 185,305/96  
; FILING DATE: 27-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: OKURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 135 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; ORGANISM: human  
; TISSUE TYPE: placenta  
; FEATURE:  
; NAME/KEY: exon  
; LOCATION: 1..135  
; IDENTIFICATION METHOD: S  
; US-08-884-324-3

Query Match 10.9%; Score 51.4; DB 5; Length 135;  
Best Local Similarity 70.9%; Pred. No. 8.2e-07;  
Matches 83; Conservative 0; Mismatches 31; Indels 3; Gaps 1;  
QY 2 ACTTTGGCCGACTTCACTGTACAAACCCGCACTAATACGGAATATAATGACCAAGTTCTCT 61  
Db 19 ACTTTGGCAAGCTTGAATCTAAATATATCAGTCTAAGAAATTTGAATGACCAAGTTCTCT 78  
QY 62 TCGTTGACAAAAGACA---GCCTGTGTCGAGGATATGACTGATATTGATCAAACTG 115  
Db 79 TCATTGACCAAGAAATCGCCTCTATTGAGATATGACTGATTCTGACTGTAGAG 135

RESULT 11  
US-08-232-463-14/c  
; Sequence 14, Application US/08232463  
; Patent No. 5670367  
; GENERAL INFORMATION:  
; APPLICANT: DORNER, F.  
; APPLICANT: SCHEIFLINGER, F.  
; APPLICANT: FALKNER, F. G.  
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
; NUMBER OF SEQUENCES: 52  
; CORRESPONDENCE ADDRESS:





GENERAL INFORMATION:  
APPLICANT: MacInnes, Janet  
APPLICANT: Ricciatti, Paul  
APPLICANT: Mallard, Bonnie  
APPLICANT: Rosendal, Soren  
TITLE OF INVENTION: NOVEL BACTERIAL PREPARATIONS, METHOD FOR  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bereskin & Parr  
STREET: 40 King Street West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/772,270A  
FILING DATE: December 23, 1996  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Gravelle, Micheline  
REGISTRATION NUMBER: 40,261  
REFERENCE/DOCKET NUMBER: 6580-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4731 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Actinobacillus pleuropneumoniae

US-08-772-270A-9

Query Match 7.8%; Score 36.8; DB 5; Length 4731;  
Best Local Similarity 47.4%; Pred. No. 0.091;  
Matches 110; Conservative 0; Mismatches 122; Indels 0; Gaps 0;

Qy 211 TCTACCTCTCTCTGTAAGAACAGATCTTCTTTGAGGAAATGGATCCACCTGAAAT 270  
Db 591 TCTATCTAGCAAAAGATACCTGGAATAATCATATATTTAAAGGAGGAAATAACAA 650  
Qy 271 ATTGATGATATACAAAGTGATCTCATATTTCTTCAGAAACGTGTTCCAGGACACACAAG 330  
Db 651 AAAAAGTAGCTGAAAGACATTTCTTCAGTATGAGCAAGAGTTAATAACAGCTCTACAAT 710  
Qy 331 ATGGAGTTGAATCTTCACTGTATGAAGGACACTTTCTTGTGTTGCCAAAGGAAGATGAT 390  
Db 711 AATATCTTAAATGATCAATTATATAAAGGAGAGACTCTTTTATGTCAAAATCACTTTGTC 770  
Qy 391 GCTTTCAACTCTCTGAAAAAAGGATGAAATGGGGATAAATCTGTAA 442  
Db 771 ATCATTAATCGTCTCTTACAAACAGGATTGAAAAATGGGAAAAACAAGTTA 822

RESULT 14  
US-08-135-511-35/c  
Sequence 35, Application US/08135511  
Patent No. 5558999  
GENERAL INFORMATION:  
APPLICANT: Chiang, John  
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene  
TITLE OF INVENTION: Regulatory Elements and Methods for Using Them  
NUMBER OF SEQUENCES: 35

US-08-135-511-35

Query Match 7.3%; Score 34.4; DB 1; Length 10614;  
Best Local Similarity 46.6%; Pred. No. 0.68;  
Matches 110; Conservative 0; Mismatches 126; Indels 0; Gaps 0;

Qy 229 AACAGATCATTTCTTTGAGGAAATGGATCCACCTGAAATATTTGATGATATACAAAGT 288  
Db 10250 AACCTTACGAAGACCTTTGAGTGCATGATTCTTTGAATATTTTGGAGTTTCTTGAACA 10191  
Qy 289 GATCTCATATTTCTTCAGAAACGTGTTCCAGGACACACAAGATGGAGTTTGAATCTCA 348  
Db 10190 AATCAGATAAAATTTATTTAACTTATCAGTGGATGAATAAACATTTCTCAAGGTTA 10131  
Qy 349 CTGTATGAAGGACACTTTCTTGTGTTGCCAAAGGAAGATGATGCTTTCAAACTCTG 408  
Db 10130 AAGCACAATGTTCTTATTTTCAATTTCTGAAAGGTAGGTAATTTTAAAGTTACTGTTT 10071  
Qy 409 AAAAAAAGGATGAAATGGGATAAATCTGTAATGTTCACTCTCACTAACTTACA 464  
Db 10070 AAAATATTTACTTATTTGTTAGTATAAGATAAAAGATAAATAATTTACATATA 10015

RESULT 15  
US-08-187-453-35/c  
Sequence 35, Application US/08187453  
Patent No. 5753431  
GENERAL INFORMATION:  
APPLICANT: Chiang, John  
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene  
TITLE OF INVENTION: Regulatory Elements and Transcription Factors  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

US-08-135-511-35

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/135,511  
FILING DATE: 13-OCT-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/175  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10614 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-135-511-35

US-08-135-511-35

Query Match 7.3%; Score 34.4; DB 1; Length 10614;  
Best Local Similarity 46.6%; Pred. No. 0.68;  
Matches 110; Conservative 0; Mismatches 126; Indels 0; Gaps 0;

Qy 229 AACAGATCATTTCTTTGAGGAAATGGATCCACCTGAAATATTTGATGATATACAAAGT 288  
Db 10250 AACCTTACGAAGACCTTTGAGTGCATGATTCTTTGAATATTTTGGAGTTTCTTGAACA 10191  
Qy 289 GATCTCATATTTCTTCAGAAACGTGTTCCAGGACACACAAGATGGAGTTTGAATCTCA 348  
Db 10190 AATCAGATAAAATTTATTTAACTTATCAGTGGATGAATAAACATTTCTCAAGGTTA 10131  
Qy 349 CTGTATGAAGGACACTTTCTTGTGTTGCCAAAGGAAGATGATGCTTTCAAACTCTG 408  
Db 10130 AAGCACAATGTTCTTATTTTCAATTTCTGAAAGGTAGGTAATTTTAAAGTTACTGTTT 10071  
Qy 409 AAAAAAAGGATGAAATGGGATAAATCTGTAATGTTCACTCTCACTAACTTACA 464  
Db 10070 AAAATATTTACTTATTTGTTAGTATAAGATAAAAGATAAATAATTTACATATA 10015

RESULT 15  
US-08-187-453-35/c  
Sequence 35, Application US/08187453  
Patent No. 5753431  
GENERAL INFORMATION:  
APPLICANT: Chiang, John  
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene  
TITLE OF INVENTION: Regulatory Elements and Transcription Factors  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

US-08-135-511-35

Query Match 7.8%; Score 36.8; DB 5; Length 4731;  
Best Local Similarity 47.4%; Pred. No. 0.091;  
Matches 110; Conservative 0; Mismatches 122; Indels 0; Gaps 0;

Qy 211 TCTACCTCTCTCTGTAAGAACAGATCTTCTTTGAGGAAATGGATCCACCTGAAAT 270  
Db 591 TCTATCTAGCAAAAGATACCTGGAATAATCATATATTTAAAGGAGGAAATAACAA 650  
Qy 271 ATTGATGATATACAAAGTGATCTCATATTTCTTCAGAAACGTGTTCCAGGACACACAAG 330  
Db 651 AAAAAGTAGCTGAAAGACATTTCTTCAGTATGAGCAAGAGTTAATAACAGCTCTACAAT 710  
Qy 331 ATGGAGTTGAATCTTCACTGTATGAAGGACACTTTCTTGTGTTGCCAAAGGAAGATGAT 390  
Db 711 AATATCTTAAATGATCAATTATATAAAGGAGAGACTCTTTTATGTCAAAATCACTTTGTC 770  
Qy 391 GCTTTCAACTCTCTGAAAAAAGGATGAAATGGGGATAAATCTGTAA 442  
Db 771 ATCATTAATCGTCTCTTACAAACAGGATTGAAAAATGGGAAAAACAAGTTA 822

RESULT 14  
US-08-135-511-35/c  
Sequence 35, Application US/08135511  
Patent No. 5558999  
GENERAL INFORMATION:  
APPLICANT: Chiang, John  
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene  
TITLE OF INVENTION: Regulatory Elements and Methods for Using Them  
NUMBER OF SEQUENCES: 35

US-08-135-511-35

Query Match 7.3%; Score 34.4; DB 1; Length 10614;  
Best Local Similarity 46.6%; Pred. No. 0.68;  
Matches 110; Conservative 0; Mismatches 126; Indels 0; Gaps 0;

Qy 229 AACAGATCATTTCTTTGAGGAAATGGATCCACCTGAAATATTTGATGATATACAAAGT 288  
Db 10250 AACCTTACGAAGACCTTTGAGTGCATGATTCTTTGAATATTTTGGAGTTTCTTGAACA 10191  
Qy 289 GATCTCATATTTCTTCAGAAACGTGTTCCAGGACACACAAGATGGAGTTTGAATCTCA 348  
Db 10190 AATCAGATAAAATTTATTTAACTTATCAGTGGATGAATAAACATTTCTCAAGGTTA 10131  
Qy 349 CTGTATGAAGGACACTTTCTTGTGTTGCCAAAGGAAGATGATGCTTTCAAACTCTG 408  
Db 10130 AAGCACAATGTTCTTATTTTCAATTTCTGAAAGGTAGGTAATTTTAAAGTTACTGTTT 10071  
Qy 409 AAAAAAAGGATGAAATGGGATAAATCTGTAATGTTCACTCTCACTAACTTACA 464  
Db 10070 AAAATATTTACTTATTTGTTAGTATAAGATAAAAGATAAATAATTTACATATA 10015

RESULT 15  
US-08-187-453-35/c  
Sequence 35, Application US/08187453  
Patent No. 5753431  
GENERAL INFORMATION:  
APPLICANT: Chiang, John  
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene  
TITLE OF INVENTION: Regulatory Elements and Transcription Factors  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

US-08-135-511-35

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/187,453  
FILING DATE: 28-JAN-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/135,488  
FILING DATE: 13-OCT-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/135,511  
FILING DATE: 13-OCT-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/135,510  
FILING DATE: 13-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/188  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10614 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-187-453-35

Query Match 7.3%; Score 34.4; DB 2; Length 10614;  
Best Local Similarity 46.6%; Pred. No. 0.68;  
Matches 110; Conservative 0; Mismatches 126; Indels 0; Gaps 0;

QY 229 AACAAAGATCATTTCCCTTTGAGGAAATGGATCCACCTGAAAAATATTGATGATATACAAAAGT 288  
||| | | ||||| ||| | | ||||| | | |||  
Db 10250 AACCTACGAAGACCTTTGAGTGCATGATTACTTTGAATATTTTGGAGTTTCTTGAAACA 10191

QY 289 GATCTCATATTTCTTTCAGAAACGTGTTCCAGGACACAAACAAGATGGAGTTTGAATCTTCA 348  
||| ||| || ||| | ||| | ||| | ||| | ||| |  
Db 10190 AATCAGATAAAATTTTAACTTATCAGTGGATGAATAAACATTTCTATTTCAAAGGTTA 10131

QY 349 CTGTATGAAGGACACTTTCTTGCTTGCCAAAAGGAGATGATGCTTTCAAACATCTCTG 408  
| | | | | | | | | | | | | | | | | | |  
Db 10130 AAGCACAATGTTCTTATTTTCATTTCTGAAAGGTAGGTAATTTAAAGTTACTGGTTTT 10071

QY 409 AAAAAAAGGATGAAAATGGGGATAAATCTGTAATGTTTCACTCTCACTACTTACA 464  
||| | | | | | | | | | | | | | | | | |  
Db 10070 AAAATATTACTTATTTTAGTATAGATAAAAGATAAATATAATTTACATATA 10015

Search completed: November 25, 2000, 05:12:50  
Job time: 2240 sec